

SANITARY SEWERS RESERVE

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The Town owns and maintains 76,008' of sanitary sewers of which 63,348' are PVC lines, 6,949' are clay tile lines, 800' are transcite lines and 1,770' are force main lines. The purpose of this reserve account is to provide adequate funds to replace deteriorated clay tile sewer lines and to repair manholes and PVC sewer lines. Funds are transferred to this reserve account from the Sewer Reserve on a as needed basis and as funds become available. Grant funds have also been used to replace existing clay tile lines that realize significant infiltration. Following is a list of activities for this reserve account commencing 7-1-2013 and ending 6-30-2018.

Year	Activities	Revenues	Expenditures	Fund Balance	Comments
FY 2012 7/1/11 - 6/30/12	7/1/2011		E 70-731-93	\$ -	
	Transfer from WW Facilities Reserve	\$ 5,318.47			
	Inspect manholes and interceptor line along Penobscot		\$ 5,318.47		
	Totals 6-30-2012	\$ 5,318.47	\$ 5,318.47	\$ -	
			Expenditures		
			G 2-221-06		
FY 2013 7/1/12 - 6/30/13	7/1/2012			\$ -	
	Transfer from WW Facilities Reserve	\$ 7,000.00			
	Replace sewer line Oak St. from Pine to Bridge		\$ 7,000.00		
	Totals 6-30-2013	\$ 7,000.00	\$ 7,000.00	\$ -	
			Expenditures		
			E 70-731-90		
FY 2014 7/1/13 - 6/30/14	7/1/2013			\$ -	
	Transfer from WW Facilities Reserve	\$ 5,000.00			
	Sewer line camera inspection		\$ 5,000.00		
	Totals 6-30-2014	\$ 5,000.00	\$ 5,000.00	\$ -	
FY 2015 7/1/14 - 6/30/15	7/1/2014			\$ -	
	Transfer from WW Facilities Reserve	\$ 5,000.00			
	Sewer line camera inspection		\$ 5,000.00		
	Totals 6-30-2015	\$ 5,000.00	\$ 5,000.00	\$ -	
FY 2016 7/1/15 - 6/30/16	7/1/2015			\$ -	
	Transfer from WW Facilities Reserve	\$ 5,000.00			
	Sewer camera inspection		\$ 5,000.00		
	Totals 6-30-2016	\$ 5,000.00	\$ 5,000.00	\$ -	
FY 2017 7/1/16 - 6/30/17	7/1/2016			\$ -	
	Transfer from WW Facilities Reserve	\$ 5,000.00			
	Sewer camera inspection				
	Totals 6-30-2017	\$ 5,000.00	\$ -	\$ 5,000.00	
FY 2018 7/1/17 - 6/30/18	7/1/2017			\$ -	
	Transfer from WW Facilities Reserve	\$ 5,000.00			
	Sewer camera inspection		\$ 5,000.00		
	Totals 6-30-2017	\$ 5,000.00	\$ 5,000.00	\$ -	

1/17/13 per Dave Michaud:  
Each fiscal year, the sewer camera inspection will be done on different streets - based on recommendation from Public Works Director. Maine Water Company then performs the service.

If inspection reveals work that needs to be done, the following fiscal year's budget needs to include provision for that repair. If severe, would need to be approved (for expense in excess of budget) by the Town Council.

\$5,000 covers 1,000 to 1,500 feet per year which Dave Michaud feels is adequate (depending on prices in Maine Water's contractor for that year - see Non-Routine Services).

**WASTEWATER TREATMENT EQUIPMENT RESERVE**

This reserve account is for all the mobile and small equipment, vehicles and lab equipment required to support the wastewater facilities located throughout the community. Annual funds required to replace existing equipment at the end of its useful life is **\$11,263**.

This account is funded by an annual transfer from year end balance from the sewer operating budget on an as needed basis. Other funds include the proceeds from the sale of retired equipment and grant funds.

The following is a list of proposed activities for this reserve account commencing 7-1-2011 and ending 6-30-2017.

Year	Activities	Revenues	Expenditures	Fund Balance	Comments
<b>FY 2012</b> <b>7/1/11 - 6/30/12</b>		<b>E 70-731-93</b>			
	7/1/2011			\$ -	
	Transfer from WW Facilities Reserve	\$ 12,874.82			
	Purchase new PH meters		\$ 744.55		
	Replace weather station		\$ 437.90		
	New 3 ton trailer		\$ 4,895.00		
	Repair skid steer		\$ 1,401.08		
	Generator Repairs - Treatment Plant		\$ 3,052.30		
	Generator Repairs - Station #2		\$ 2,343.99		
	<b>Totals 6-30-2012</b>	<b>\$ 12,874.82</b>	<b>\$ 12,874.82</b>	<b>\$ -</b>	
<b>FY 2013</b> <b>7/1/12 - 6/30/13</b>	6/30/2012			\$ -	
	Transfer from WW Facilities Reserve	\$ 1,121.59			
	Replace desk computer		\$ 927.37		
	Printer/scanner		\$ 194.22		
	<b>Totals 6-30-2013</b>	<b>\$ 1,121.59</b>	<b>\$ 1,121.59</b>	<b>\$ -</b>	
		<b>Expenditures</b>			
<b>FY 2014</b> <b>7/1/13 - 6/30/14</b>			<b>E 70-731-95</b>		
	7/1/2013			\$ -	
	Transfer from WW Facilities Reserve	\$ 22,000.00	\$ -		
	New camera and locating system		\$ 15,000.00		
	Washer and dryer		\$ 1,000.00		
	Purchase snow blower		\$ 1,500.00		
	Electric air displacement blower		\$ 2,000.00		
	Repairs to old skid steer		\$ 2,500.00		
	<b>Totals 6-30-2014</b>	<b>\$ 22,000.00</b>	<b>\$ 22,000.00</b>	<b>\$ -</b>	
<b>FY 2015</b> <b>7/1/14 - 6/30/15</b>	7/1/2014			\$ -	
	Transfer from WW Facilities Reserve	\$ 1,000.00			
	Replace lab equipment		\$ 1,000.00		
	<b>Totals 6-30-2015</b>	<b>\$ 1,000.00</b>	<b>\$ 1,000.00</b>	<b>\$ -</b>	
<b>FY 2016</b> <b>7/1/15 - 6/30/16</b>	7/1/2015			\$ -	
	Transfer from WW Facilities Reserve	\$ 1,000.00			
	<b>Totals 6-30-2016</b>	<b>\$ 1,000.00</b>	<b>\$ -</b>	<b>\$ 1,000.00</b>	
<b>FY 2017</b> <b>7/1/16 - 6/30/17</b>	7/1/2016			\$ 1,000.00	
	Transfer from WW Facilities Reserve	\$ 1,000.00			
	<b>Totals 6-30-2017</b>	<b>\$ 1,000.00</b>	<b>\$ -</b>	<b>\$ 2,000.00</b>	
<b>FY 2018</b> <b>7/1/17 - 6/30/18</b>	7/1/2017			\$ 2,000.00	
	Transfer from WW Facilities Reserve	\$ 1,000.00			
	<b>Totals 6-30-2017</b>	<b>\$ 1,000.00</b>	<b>\$ -</b>	<b>\$ 3,000.00</b>	

WASTEWATER TREATMENT PLANT FACILITIES RESERVE

This reserve account is to support the treatment plant, sludge site, sludge holding building, six pump stations and CSO building. The treatment plant is a one story brick building constructed in 1987 consisting of 4,000 square feet. The building includes a pretreatment area; dewatering room; chemical storage area; dewatering room; garage area; sludge pump, plant water and air filtering room; sludge holding tank; and generator room. Also included as part of the facility are two clarifiers, a chloride contact chamber, dechlorination room, and storage garage. The facility is licensed to treat 426,000 gallons at primary level on an average daily basis. The facility can treat up to 900,000 gallons daily during high flows which occur about 8 to 10 days per year. During the last CIP, several improvements were completed which included reconstructing the pretreatment area, replacing the sludge pumps, rebuilding the dewatering press and purchasing new polymer and chloride injection pumps. The CSO facility, located at Peary's Landing, was constructed in 2006 and consist of a 3,000 square feet one story wood and concrete block building used to treat at primary level combined ground water and sanitary waste collected during heavy rain storms and snow melt. The six pump stations include Pump Station 1 located at the treatment plant, Pump Station 2 located at the intersection of Route 1 and Route 15, Pump Station 3 located adjacent to the Verso Pulp Mill, Pump Station 4 located on School Street, Pump Station 5 located on Pond Street and Pump Station 6 located off Broadway. Pump Stations 1, 2 and 3 were all reconstructed in 2009 and all six pump station were hooked up to a SCADA System which allows for the operators to monitor and operate the stations electronically. The sludge storage building is located on the Upper Long Pond Road and holds up to one year of sludge generated at the treatment plant. The sludge spreading site is also located on the Upper Long Pond Road and consist of 12 acres of land licensed to spread sludge generated from the treatment plant. The site has not been used for the last three years since it has become more economical to transport the sludge to an approved composting facility. In 2009, the town received notice from USEPA that the 301 Waiver which allows the town to discharge to primary level would no longer be extended. The Town was directed by ME DEP to submit a plan outlying a timetable when a secondary treatment facility would be constructed. In August 2011, MDEP approved a six year time table to implement secondary treatment. The plan includes funds from the Reserve Account to cover the engineering cost for preliminary and final design. Funds necessary to support this account consist of unexpended funds from the annual operating budget, loans, grants, interest on investments and TIF Revenues. Adequate funds should also be retained in this reserve account to pay for unexpected repairs that have not been included as part of the annual operating budget.

Year	Activities	Revenues	Expenditures	Balance	Comments
			G 2-221-00		
FY 2012	7/1/2011			\$ 743,753.07	
7/1/11 - 6/30/12	Transfer from Unrestricted Net Assets G 2-530-00	\$ 110,416.88			
	Relocate to surface PLC and VFD's Station 1		\$ 50,450.00		
	Planning Phase new treatment facility		\$ 29,615.00		
	Transfer to WW Equipment		\$ 12,874.82		
	Transfer to Sewer Infrastructure		\$ 5,318.47		
	Totals 6-30-2012	\$ 110,416.88	\$ 98,258.29	\$ 755,911.66	
FY 2013	7/1/2012			\$ 755,911.66	
7/1/12 - 6/30/13	Transfer from Unrestricted Net Assets G 2-530-00	\$ 50,000.00			
	Repair generators		\$ 7,926.00		
	Engineering: Design phase new treatment		\$ 58,653.75		
	Transfer to WW Equipment		\$ 1,121.59		
	Transfer to Sewer Infrastructure		\$ 7,000.00		
	Totals 6-30-2013	\$ 50,000.00	\$ 74,701.34	\$ 731,210.32	
			Expenditures		
			E 70-731-95		
FY 2014	7/1/2013			\$ 731,210.32	
7/1/13 - 6/30/14	Transfer from Unrestricted Net Assets G 2-530-00	\$ 60,000.00			
	Engineering: Design phase new treatment		\$ 211,731.25		
	Extend driveway to pellet silo and pave		\$ 3,000.00		
	Repairs to sludge storage building		\$ 4,000.00		
	Replace cover at Pump Station # 5		\$ 10,000.00		
	Transfer to WW Equipment		\$ 22,000.00		
	Transfer to Sewer Infrastructure		\$ 5,000.00		
	Totals 6-30-2014	\$ 60,000.00	\$ 255,731.25	\$ 535,479.07	
FY 2015	7/1/2014			\$ 535,479.07	
7/1/14 - 6/30/15					
	Transfer from Unrestricted Net Assets G 2-530-00	\$ 60,000.00			
	Eng.: Contract Admin, Construction Inspection		\$ 157,500.00		
	Transfer to WW Equipment		\$ 1,000.00		
	Transfer to Sewer Infrastructure		\$ 5,000.00		
	Totals 6-30-2015	\$ 60,000.00	\$ 163,500.00	\$ 431,979.07	
FY 2016	7/1/2015			\$ 431,979.07	
7/1/15 - 6/30/16	Transfer from Unrestricted Net Assets G 2-530-00	\$ 60,000.00			
	Eng.: Contract Admin, Construction Inspection		\$ 157,500.00		
	Eng.: Allowance		\$ 10,000.00		
	Transfer to WW Equipment		\$ -		
	Transfer to Sewer Infrastructure		\$ 5,000.00		
	Totals 6-30-2016	\$ 60,000.00	\$ 172,500.00	\$ 319,479.07	
FY 2017	7/1/2016			\$ 319,479.07	
7/1/16 - 6/30/17	Transfer from Unrestricted Net Assets G 2-530-00	\$ 60,000.00			
	Transfer to WW Equipment		\$ -		
	Transfer to Sewer Infrastructure		\$ 5,000.00		
	Totals 6-30-2017	\$ 60,000.00	\$ 5,000.00	\$ 374,479.07	

Total Engineering

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Grand Total Olver